

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| L23 | 596 | 347/50.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/26 09:19 |
| L24 | 25 | (US-20020030715-\$ or US-20040109046-\$ or US-20040032468-\$).did. or (US-6802596-\$ or US-6799833-\$ or US-6188414-\$ or US-5227812-\$ or US-6637870-\$ or US-6450617-\$ or US-6676247-\$ or US-4766448-\$ or US-6834937-\$ or US-6543880-\$ or US-6341845-\$ or US-4412232-\$ or US-6070965-\$ or US-5992976-\$ or US-4698644-\$ or US-4768266-\$ or US-4703333-\$ or US-5442386-\$ or US-6641254-\$ or US-7004565-\$).did. or (GB-2020026-\$ or EP-593175-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2006/07/26 10:37 |
| L25 | 11 | ("20020012029" "20030156166" "20040041885" "5402159" "5548894" "5581288" "6027208" "6109736" "6431691" "6550897" "6652062").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/26 10:39 |
| L26 | 1 | "20040109046" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/26 11:14 |
| L27 | 0 | jp-2002278971-\$ did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/26 10:45 |
| L28 | 0 | jp-02278971-\$ did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/26 10:46 |
| L29 | 0 | "2002278971" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/26 10:46 |
| L30 | 2 | "20040109046" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/26 11:14 |
| L31 | 1 | 2004-380831.NRAN. | DERWENT | OR | ON | 2006/07/26 11:14 |
| S1 | 2 | "20040109046" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:25 |
| S2 | 4813 | 347/20,50,54,68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:25 |
| S3 | 31343 | (fpc (flexible adj printed adj circuit) wir\$3) with (protrusion protrud\$3 (draw adj out) (jut adj out)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:27 |
| S4 | 63 | (fpc (flexible adj printed adj circuit) wir\$3) with (protrusion protrud\$3 (draw adj out) (jut adj out)) same ((electric\$4 with connect) with (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:28 |
| S5 | 0 | S2 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:28 |

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| S6 | 158 | (fpc (flexible adj printed adj circuit) wir\$3) same (protrusion protrud\$3 (draw adj out) (jut adj out)) same ((electric\$4 with connect) with (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:28 |
| S7 | 336 | (fpc (flexible adj printed adj circuit) wir\$3) same (protrusion protrud\$3 (draw adj out) (jut adj out)) same ((electric\$4 with connect) same (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:40 |
| S8 | 0 | S2 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:28 |
| S9 | 0 | S2 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:28 |
| S10 | 60992 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:29 |
| S11 | 1 | S7 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:29 |
| S12 | 53 | S2 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 12:29 |
| S13 | 6 | ("4940413" "5227812" "5796416" "6186613" "6188414" "6325488").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/06 13:00 |
| S14 | 2 | jp-2000108344-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:30 |
| S15 | 2 | jp-2000094673-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:28 |
| S16 | 82937 | (ink liquid fluid) same (drip\$3 leak\$3) with (adhesive glu\$3 seal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:36 |
| S17 | 187 | S2 and S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:38 |

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| S18 | 936 | (ink liquid fluid) same (drip\$3 leak\$3) with (adhesive glu\$3 seal\$3) with (electrode (electric\$2 adj connection))"." | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:33 |
| S19 | 936 | (ink liquid fluid) same (drip\$3 leak\$3) with (adhesive glu\$3 seal\$3) with (electrode (electric\$2 adj connection)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:42 |
| S20 | 4 | S2 and S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:33 |
| S21 | 96 | S2 and S16 and piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:36 |
| S22 | 2024 | (ink liquid fluid) same (drip\$3 leak\$3) same (adhesive glu\$3 seal\$3) with (electrode (electric\$2 adj connection)) same electr\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:45 |
| S23 | 13 | S2 and S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:42 |
| S24 | 2024 | (ink liquid fluid) same (drip\$3 leak\$3) same (adhesive glu\$3 seal\$3) with (electrode (electric\$2 adj connection)) with electr\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:45 |
| S25 | 4941 | (ink liquid fluid) same (drip\$3 leak\$3) same (adhesive glu\$3 seal\$3) with electr\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:45 |
| S26 | 15 | S2 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/06 13:45 |
| S27 | 0 | ("6802596").URPN. | USPAT | OR | ON | 2005/04/06 13:55 |
| S28 | 4810 | 347/20,50,54,68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:40 |
| S29 | 2997244 | (protrusion protrud\$3 hole through) with (wire connect\$3 fpc cable) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:41 |
| S30 | 162278 | (protrusion protrud\$3 hole through) with (wire connect\$3 fpc cable) with (seal\$3 glue bond\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:42 |

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| S31 | 286 | S28 and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:41 |
| S32 | 79 | (protrusion protrud\$3 hole through) with (wire connect\$3 fpc cable) with (seal\$3 glue bond\$3) with (print\$2head) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:45 |
| S33 | 87 | (protrusion protrud\$3 hole through) with (wire connect\$3 fpc cable flexible) with (seal\$3 glue bond\$3) with (print\$3head) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:46 |
| S34 | 87 | (protrusion protrud\$3 hole through) with (wire connect\$3 fpc cable flexible) with (seal\$3 glue bond\$3 relief) with (print\$3head) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 07:47 |
| S35 | 88 | (protrusion protrud\$3 hole through) with (wire connect\$3 fpc cable flexible) with (seal\$3 glue bond\$3 stress strain) with (print\$3head) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 08:05 |
| S36 | 6734 | (protrusion protrud\$3 through) with (seal\$3 glu\$3 bond\$3) with (electrical same (wire fpc circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 08:07 |
| S37 | 4810 | 347/20,50,54,68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 09:11 |
| S38 | 6734 | (protrusion protrud\$3 through) with (seal\$3 glu\$3 bond\$3) with (electrical same (wire fpc circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 09:11 |
| S39 | 20 | S37 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 09:18 |
| S40 | 263 | (electric\$2 near5 connection) with (internal external) with piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 08:45 |
| S41 | 24 | S37 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 09:19 |
| S42 | 5230 | 347/20,50,54,68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:44 |

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| S43 | 5778 | 347/20,42,50,54,68-73.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:44 |
| S44 | 16971 | pot\$3 with (glue adhesive plastic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:47 |
| S45 | 34 | S43 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:45 |
| S46 | 1173 | (pot\$3 with (glue adhesive plastic)) same electric\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:50 |
| S47 | 64360 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:47 |
| S48 | 8 | S46 and S47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:48 |
| S49 | 4 | ((pot\$3 with (glue adhesive plastic)) same electric\$3) and (ink with jet) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 14:10 |
| S50 | 193 | (pot\$3 with (glue adhesive plastic)) same (electric\$3 with circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 14:03 |
| S51 | 0 | S43 and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 14:04 |
| S52 | 193 | S44 and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 14:09 |
| S53 | 1 | S47 and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 14:04 |
| S54 | 16 | (US-20020030715-\$ or US-20040032468-\$ or US-20040109046-\$).did. or (US-4412232-\$ or US-4766448-\$ or US-5227812-\$ or US-6188414-\$ or US-6341845-\$ or US-6450617-\$ or US-6543880-\$ or US-6637870-\$ or US-6676247-\$ or US-6799833-\$ or US-6802596-\$ or US-6834937-\$).did. or (GB-2020026-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2005/12/29 09:30 |

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| S55 | 10 | S54 and piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 09:31 |
| S56 | 559 | 347/50.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 09:38 |
| S57 | 271950 | ((wir\$3 fpc lead) with (between through)) same (layer substrate board) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 09:39 |
| S58 | 135 | S56 and S57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 09:40 |
| S59 | 72 | S58 and (glue adhesive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 09:41 |
| S60 | 193079 | S59 and pzt piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 09:41 |
| S61 | 24 | S59 and (pzt piezoelectric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 09:41 |
| S62 | 559 | 347/50.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 08:44 |
| S63 | 338274 | ((electric\$2 near4 connection) wir\$3 fpc cable lead) with (through between protrude) same (layer substrate board) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 08:47 |
| S64 | 204 | S62 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 08:47 |
| S65 | 67 | S64 and piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 08:47 |
| S66 | 8 | ("4695854" "4698644" "4703333" "4768266" "5105209" "5515086" "5684520" "5880763").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 10:34 |
| S67 | 8 | ("4695854" "4698644" "4703333" "4768266" "5105209" "5515086" "5684520" "5880763").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 09:01 |

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| S68 | 2 | "3107630".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 10:35 |
| S69 | 2 | "3211088".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 10:35 |
| S70 | 2 | "20040109046" "4703333".pn. | US-PGPUB; USPAT | OR | ON | 2006/04/13 10:38 |